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SOURCE Mesechni Izvestiya Na Glavnata Direktsiya Na Statistkata, No 1, 1948.ELECTRIC POWER PRODUCTION AND DISTRIBUTION

(Preliminary Data 1947)

The following table provides information on the production and distri-  
bution of electric power for the years 1939 - 1946, and for January - Novem-  
ber 1947:

[See following pages.]

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| Years and Months | Power Stations |                        | Generating Capacity in All Power Stations |                     | Production of Power Stations <sup>1</sup> |         |               |        |                |
|------------------|----------------|------------------------|-------------------------------------------|---------------------|-------------------------------------------|---------|---------------|--------|----------------|
|                  | Total          | Operating During Month | Direct Current                            | Alternating Current | Hydroelectric                             | Steam   | Other Thermal | Mixed  | Total          |
|                  |                |                        | (kw)                                      | (kva)               |                                           |         |               |        | (in 1,000 kwh) |
| 1939             | 128            | 127                    | 1,163                                     | 136,847             | 152,966                                   | 84,350  | 23,523        | 5,262  | 266,101        |
| 1940             | 132            | 126                    | 1,077                                     | 143,907             | 170,898                                   | 99,068  | 19,303        | 5,715  | 294,984        |
| 1941             | 135            | 128                    | 1,367                                     | 144,694             | 169,675                                   | 107,840 | 20,211        | 6,126  | 303,852        |
| 1942             | 130            | 127                    | 2,414                                     | 147,557             | 143,628                                   | 150,593 | 12,587        | 10,925 | 317,733        |
| 1943             | 131            | 121                    | 2,193                                     | 149,694             | 145,170                                   | 172,937 | 10,373        | 11,847 | 340,327        |
| 1944             | 126            | 108                    | 1,120                                     | 162,454             | 153,440                                   | 122,426 | 9,819         | 25,094 | 310,779        |
| 1945             | 126            | 120                    | 1,222                                     | 156,749             | 169,715                                   | 193,631 | 12,796        | 25,119 | 401,261        |
| 1946             | 115            | 109                    | 1,163                                     | 158,024             | 197,526                                   | 198,367 | 13,101        | 28,389 | 437,383        |
| 11 mo 46         | 115            | 106                    | 1,035                                     | 157,966             | 176,632                                   | 179,904 | 11,528        | 25,700 | 393,764        |
| 11 mo 47         | 117            | 103                    | 1,028                                     | 162,168             | 214,487                                   | 175,389 | 12,925        | 27,951 | 430,752        |
| 1947 Jan         | 115            | 102                    | 1,027                                     | 157,045             | 15,237                                    | 19,169  | 1,384         | 2,448  | 38,238         |
| Feb              | 115            | 103                    | 1,027                                     | 157,045             | 17,670                                    | 15,881  | 994           | 2,556  | 37,101         |
| Mar              | 115            | 100                    | 1,027                                     | 157,045             | 24,088                                    | 12,842  | 828           | 2,415  | 40,173         |
| Apr              | 116            | 102                    | 1,027                                     | 157,445             | 22,847                                    | 11,436  | 901           | 2,035  | 37,219         |
| May              | 115            | 100                    | 1,028                                     | 157,527             | 21,656                                    | 13,810  | 941           | 2,434  | 38,841         |
| Jun              | 117            | 100                    | 1,028                                     | 160,087             | 19,888                                    | 13,905  | 975           | 2,392  | 37,160         |
| Jul              | 115            | 96                     | 995                                       | 161,393             | 20,250                                    | 14,095  | 950           | 2,222  | 37,517         |
| Aug              | 112            | 96                     | 975                                       | 161,283             | 18,143                                    | 17,730  | 1,299         | 2,609  | 39,781         |
| Sep              | 114            | 95                     | 975                                       | 161,538             | 18,329                                    | 17,478  | 1,284         | 2,497  | 39,588         |
| Oct              | 112            | 99                     | 863                                       | 162,168             | 16,608                                    | 19,474  | 1,597         | 3,112  | 40,791         |
| Nov              | 112            | 100                    | 513                                       | 159,793             | 19,771                                    | 19,569  | 1,772         | 3,231  | 44,343         |

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Quantities Used<sup>3</sup>

In Other Establishments  
of Enterprise to Which  
Power Station Belongs

Of Which

| Total          | Internal Use<br>and Heating | Undetermined | Motive Power | Lighting in-<br>cluding House-<br>hold and Heat-<br>ing | Undetermined | Total  |
|----------------|-----------------------------|--------------|--------------|---------------------------------------------------------|--------------|--------|
| (in 1,000 kwh) |                             |              |              |                                                         |              |        |
| 12,259         | 87                          | --           | 34,613       | 4,343                                                   | --           | 38,956 |
| 13,168         | 94                          | 3,045        | 36,008       | 3,210                                                   | 3            | 39,221 |
| 15,268         | 243                         | 2,902        | 38,063       | 2,957                                                   | 25           | 41,045 |
| 17,949         | 219                         | 7,301        | 48,582       | 4,148                                                   | 586          | 53,316 |
| 18,671         | 259                         | 8,026        | 51,471       | 4,327                                                   | 1,215        | 57,013 |
| 18,413         | 243                         | 9,308        | 43,611       | 5,315                                                   | 480          | 49,406 |
| 21,883         | 302                         | 8,600        | 56,543       | 5,909                                                   | 1,379        | 63,831 |
| 22,908         | 228                         | 5,431        | 59,723       | 3,234                                                   | 678          | 63,635 |
| 20,688         | 197                         | 4,984        | 53,782       | 2,742                                                   | 652          | 57,176 |
| 20,643         | 80                          | 1,880        | 64,962       | 4,315                                                   | 97           | 69,374 |
| 2,142          | 19                          | 439          | 5,890        | 724                                                     | 20           | 6,634  |
| 1,887          | 14                          | 409          | 5,262        | 605                                                     | 23           | 5,890  |
| 1,855          | 8                           | 372          | 6,521        | 442                                                     | 15           | 6,978  |
| 1,731          | 4                           | 416          | 5,735        | 297                                                     | 9            | 6,041  |
| 1,713          | 2                           | 44           | 5,823        | 268                                                     | 11           | 6,102  |
| 1,655          | 2                           | 35           | 5,403        | 240                                                     | 4            | 5,647  |
| 1,722          | 2                           | 30           | 6,033        | 248                                                     | 2            | 6,283  |
| 1,819          | 3                           | 23           | 5,978        | 254                                                     | 3            | 6,235  |
| 1,798          | 3                           | 25           | 5,905        | 267                                                     | 3            | 6,175  |
| 2,255          | 8                           | 32           | 6,016        | 416                                                     | 3            | 6,435  |
| 2,066          | 15                          | 55           | 6,396        | 554                                                     | 4            | 6,954  |

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## Supplied Without Charge

| Private Light-<br>ing including<br>Household and<br>Heating | Street Lighting | Motive Power | Undertermined | Total |
|-------------------------------------------------------------|-----------------|--------------|---------------|-------|
| (in 1,000 kwh)                                              |                 |              |               |       |
| 278                                                         | 792             | 579          | 145           | 1,794 |
| 545                                                         | 578             | 925          | 115           | 2,163 |
| 736                                                         | 563             | 667          | 135           | 2,101 |
| 896                                                         | 565             | 561          | 41            | 2,063 |
| 1,147                                                       | 394             | 1,075        | 85            | 2,701 |
| 1,102                                                       | 581             | 720          | 261           | 2,664 |
| 1,324                                                       | 283             | 1,129        | 205           | 2,941 |
| 1,208                                                       | 171             | 512          | 228           | 2,119 |
| 1,091                                                       | 159             | 466          | 208           | 1,924 |
| 767                                                         | 114             | 612          | 62            | 1,555 |
| 166                                                         | 21              | 47           | 24            | 258   |
| 113                                                         | 18              | 33           | 18            | 182   |
| 67                                                          | 14              | 32           | 19            | 132   |
| 50                                                          | 7               | 54           | 1             | 112   |
| 41                                                          | 8               | 52           | 0             | 101   |
| 40                                                          | 6               | 37           | 0             | 83    |
| 36                                                          | 7               | 35           | 0             | 78    |
| 41                                                          | 7               | 54           | --            | 102   |
| 49                                                          | 6               | 57           | --            | 112   |
| 77                                                          | 9               | 111          | --            | 197   |
| 87                                                          | 11              | 100          | --            | 198   |

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| Private Light-<br>ing including<br>Household and<br>Heating | Street Lighting | Motive Power | Undetermined | Total   | Losses |
|-------------------------------------------------------------|-----------------|--------------|--------------|---------|--------|
| (in 1,000 kwh)                                              |                 |              |              |         |        |
| 38,419                                                      | 9,838           | 132,809      | 659          | 181,725 | 33,771 |
| 41,750                                                      | 9,459           | 149,006      | 2,833        | 203,048 | 39,638 |
| 45,589                                                      | 7,663           | 146,156      | 2,603        | 202,011 | 45,681 |
| 57,415                                                      | 7,020           | 130,092      | 2,646        | 197,173 | 52,215 |
| 70,946                                                      | 6,785           | 133,652      | 2,303        | 213,686 | 53,602 |
| 66,483                                                      | 6,241           | 118,662      | 785          | 192,171 | 53,433 |
| 96,941                                                      | 6,533           | 137,089      | 5,369        | 245,932 | 71,871 |
| 110,603                                                     | 4,287           | 153,957      | 2,522        | 271,369 | 77,628 |
| 99,067                                                      | 3,944           | 139,816      | 2,316        | 245,143 | 69,204 |
| 104,845                                                     | 3,593           | 160,631      | 165          | 269,234 | 72,305 |
| 11,231                                                      | 331             | 11,023       | 7            | 22,592  | 6,741  |
| 9,729                                                       | 321             | 11,852       | 16           | 21,918  | 8,183  |
| 9,647                                                       | 496             | 14,024       | 16           | 24,183  | 7,197  |
| 9,232                                                       | 336             | 14,211       | 2            | 23,781  | 5,635  |
| 8,999                                                       | 282             | 14,750       | 24           | 24,055  | 7,004  |
| 8,362                                                       | 271             | 15,004       | 40           | 23,677  | 6,262  |
| 8,059                                                       | 256             | 15,619       | 8            | 23,942  | 5,637  |
| 8,984                                                       | 258             | 16,430       | 12           | 25,684  | 6,140  |
| 9,246                                                       | 353             | 16,147       | 10           | 25,756  | 5,936  |
| 9,930                                                       | 346             | 15,346       | 15           | 25,637  | 6,438  |
| 11,426                                                      | 343             | 16,225       | 15           | 28,009  | 7,132  |

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- NOTE: 1. Differences between produced and supplied quantities, including losses, are due to delayed checking of meters, and to power produced in industrial enterprises outside of power stations, which is indicated only as having been consumed.
2. Including power-distributing stations.
3. Power used is supplied to consumers directly by the station, or indirectly through the power-distributing stations.

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